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17 February '98

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Michael McAteer  
U.S.E.P.A, HSRW-6J  
77 West Jackson Blvd.  
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**Re: Enviro-Chem Superfund Site  
Monthly Construction Progress Report Number 1  
December 1997**

This Monthly Progress Report has been prepared in accordance with Section XII of the Consent Decree entered September 10, 1991, Number 83419C, U.S.D.C. District of Indiana.

**(1) Actions Taken Toward Achieving Compliance with the Decree**

- a. Versar mobilized and started remedial construction on 2 December '97. Versar's full-time, on-site Construction Superintendent is Joe Borucki, P.E.
- b. Versar issued the Final 100 % Design Package on 3 December '97. (100 % Complete)
- c. Versar performed the Baseline Air Monitoring Survey. (50 % Complete)
- d. Versar performed the Environmental Condition Survey. (80 % Complete)
- e. Versar obtained Building Permits. (100 % Complete)
- f. Versar installed temporary electric power and telephone lines to the on-site construction trailers, and installed equipment and furniture in the construction trailers. (100 % Complete)
- g. Versar replaced site locks and installed five security lights to maintain off-hour security. (100 % Complete)
- h. Versar fabricated and installed site signs. (100 % Complete)

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- i. Radian mobilized a full-time on-site Resident Engineer/Owner's Agent, Mark Colonna, P.E. to the site on 8 December '97.
- j. Versar surveyed the Remedial Boundary and fenced in the Exclusion Zone. (100 % Complete)
- k. Versar completed compaction and site grading in the Process Building area. (100 % Complete)
- l. Versar completed installation of underground piping, and poured the concrete floor slab for the Process Building. (100 % Complete)
- m. Versar excavated compacted soils, then replaced and compacted with crushed stone, the base for Tanks T-2 and T-4. (100 % Complete)
- n. Trustees engaged an independent Geotechnical Consultant to review the data from the Preconstruction Test Drilling Plan and Versar's design for dewatering and installation of the sheet piling for the Southern Concrete Pad excavation.
- o. Radian initiated weekly conference calls with U.S.EPA, IDEM, Trustees and Versar on December 5<sup>th</sup>, 12<sup>th</sup> and 19<sup>th</sup>.

**(2) Validated Results and Other Data**

When the sampling is completed, data associated with the Baseline Air Monitoring will be included in the Baseline Air Monitoring Report. No other testing data was performed this month.

**(3) Work Performed**

The work completed this month under Revised Exhibit A includes the steps identified in items (1) a through (1) o above.

**(4) Anticipated Activities for Next Month**

- a. CH2M Hill's full-time, on-site Construction Inspector, Dan Lynch, will be at the site.
- b. Versar will erect the Process Building.
- c. Versar will erect the four 150,000-gallon above-ground Storage Tanks T-1, T-2, T-3 & T-4 and start liner installation.
- d. Versar will commence installation of the 480 volt permanent electrical power.

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- e. Versar will start receiving process equipment for future installation in the Process Building.
- f. Versar will relocate the Northern Diversion Channel behind the Process Building.
- g. Versar will repair the Bankert's Vehicle Scale drain line.
- h. Versar will issue the final Preconstruction Test Drilling Plan for sampling the Southern Concrete Pad area for subsequent geotechnical design of the sheet piling and later excavation.

**(5) Problems & Resolution**

No major milestone were impacted during the month. Percent complete for activities are included in item (1) above. The building supplier, Parkline, has slipped the delivery date a week because of the Holidays. Versar will work weekends to expedite the Process Building in January.

If you have any questions, please feel free to call me at (215) 788-7844, Extension 222.

Sincerely,



G. J. Anastos, Ph.D., P.E.  
Project Manager

cc:	D Basko (Versar)	M Dowiak (Radian)
	R Ball (ENVIRON)	J Freeman (DOJ)
	J Borucki (Versar)	C Gaffney (Versar)
	N Bernstein (NEB & A)	J Kyle, III (B & T)
	M Colonna (Radian)	G Scarpone (Handex)